

## ABSTRACT

A novel plant gene is disclosed, which is a member  
5 of the *mdr* family of genes encoding ABC transporters. The  
gene is inducible by MIB and auxin, and is preferentially  
expressed in roots upon induction. The gene is useful for  
detoxification of certain xenobiotics to protect plants from  
the detrimental effects of such compounds. The protein  
10 encoded by the gene is an auxin transporter. Also disclosed  
are plants that over-express and under-express this *mdr* gene.